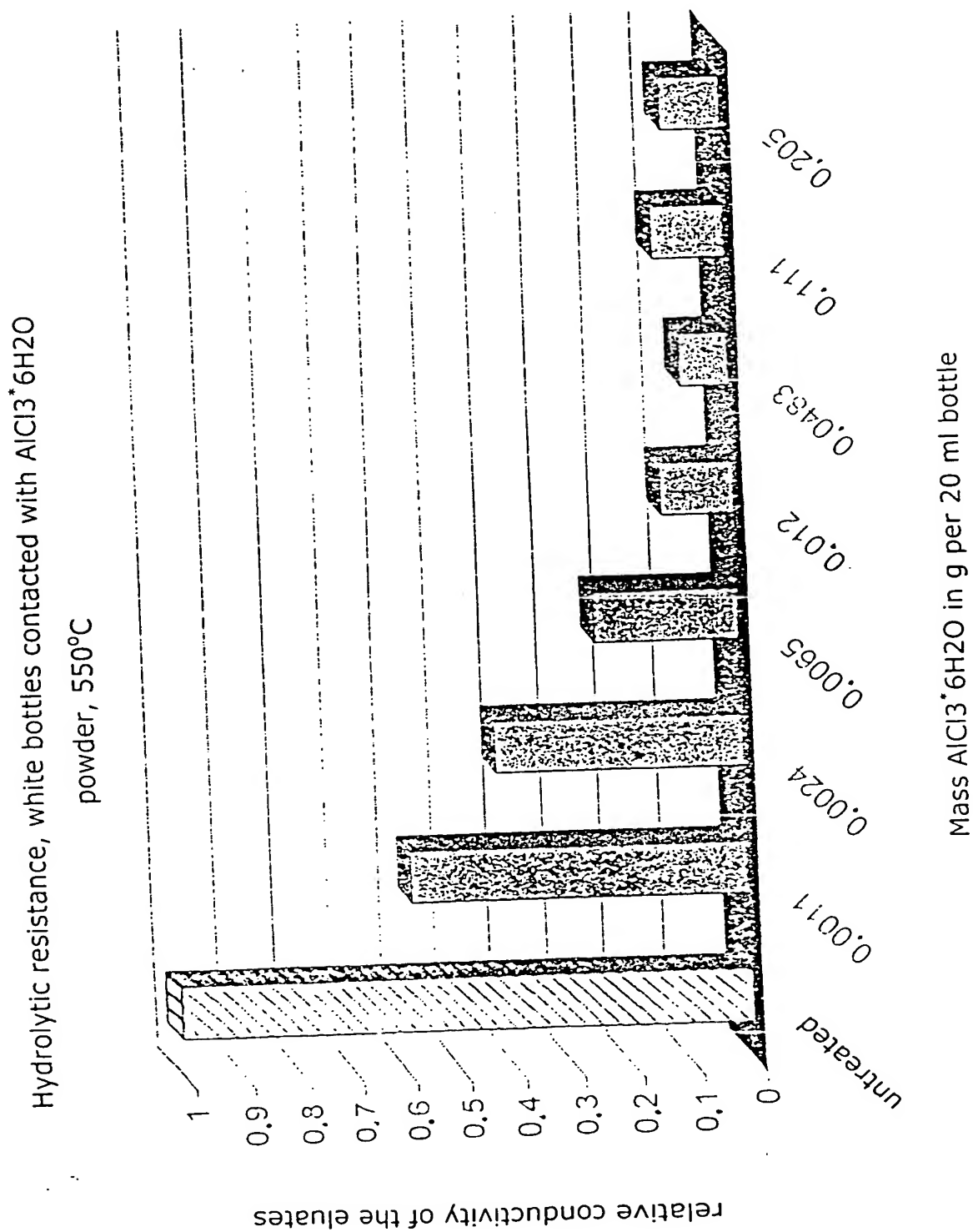
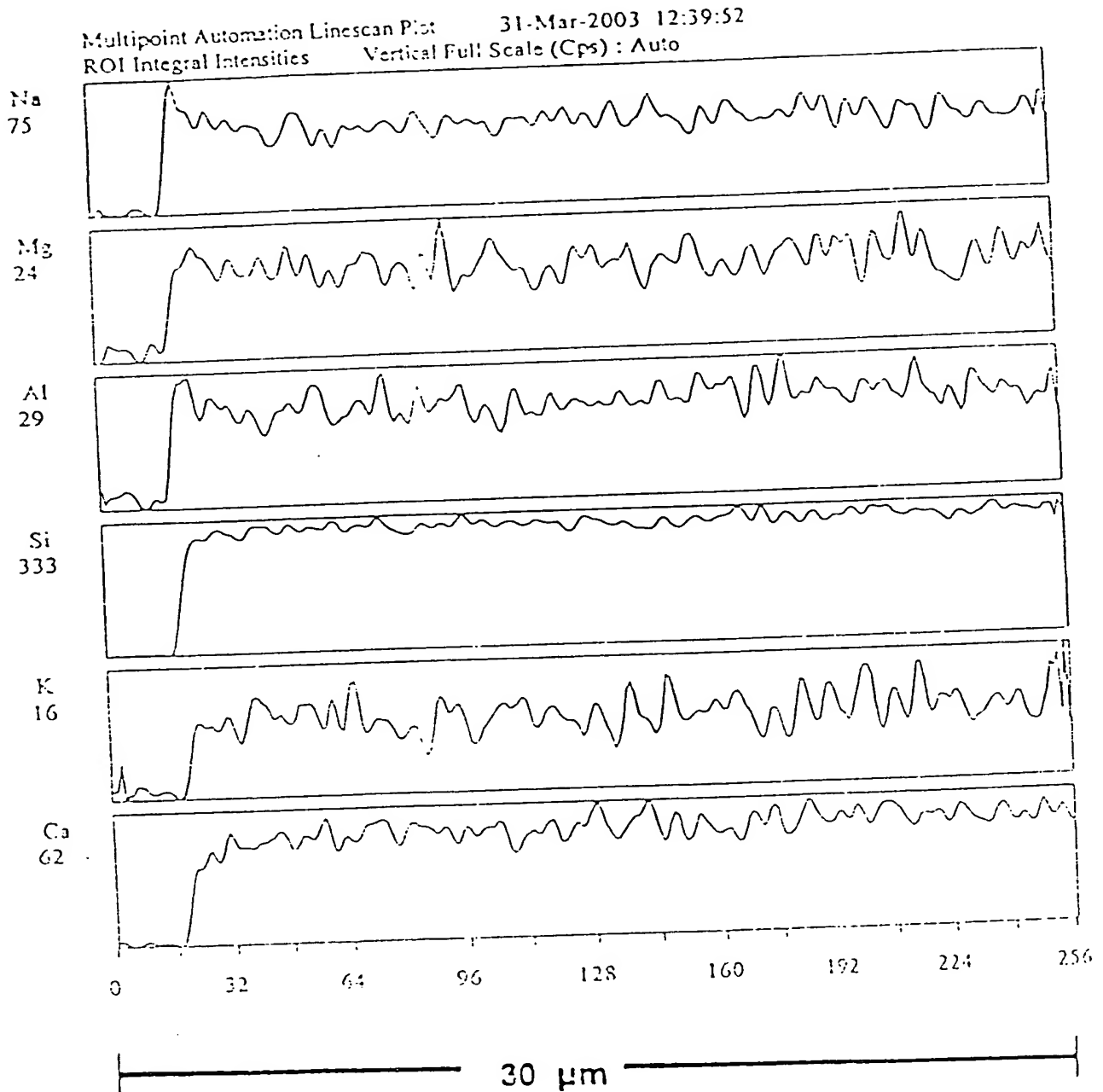


Figure 1



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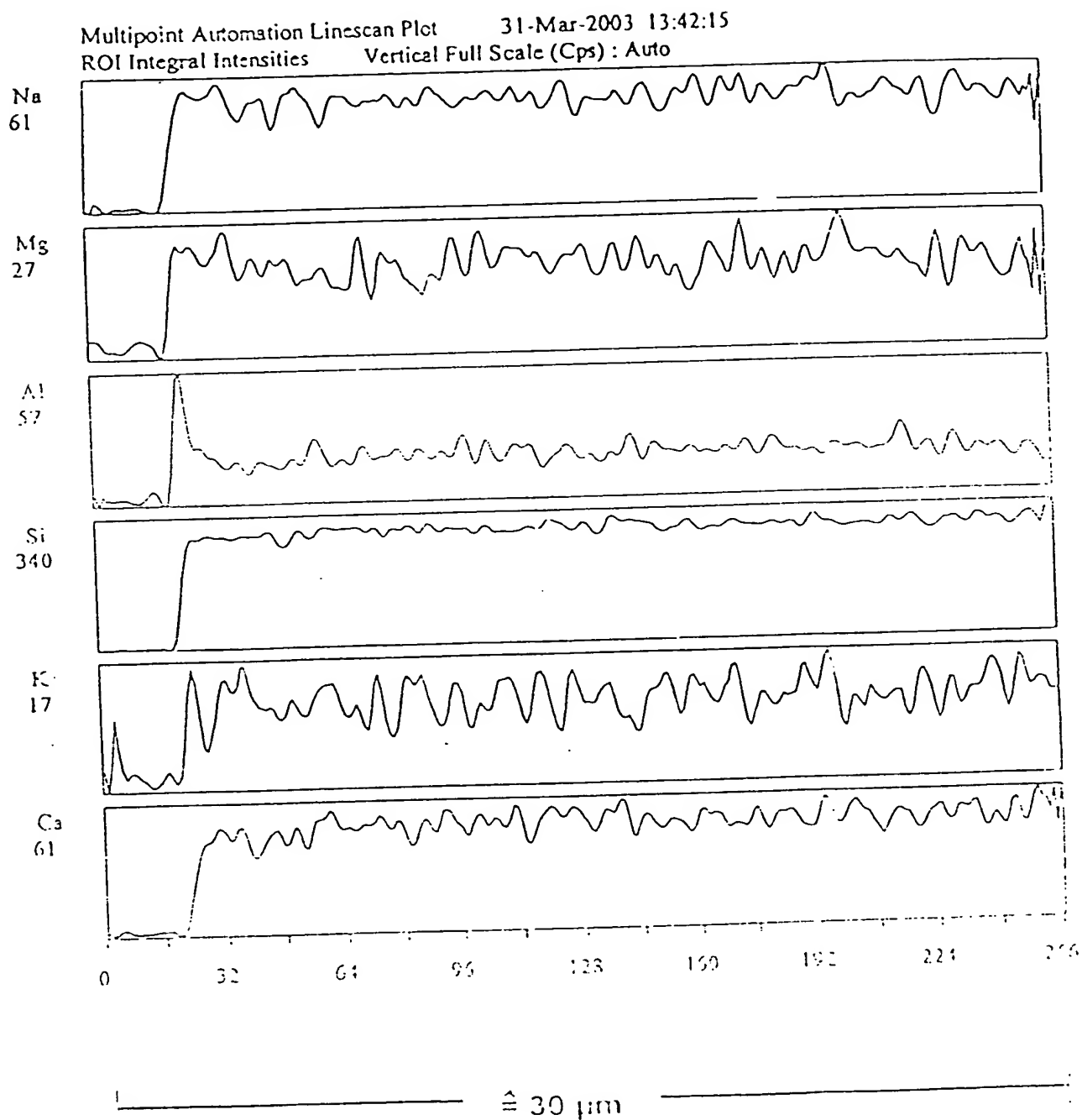
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White bottle, untreated

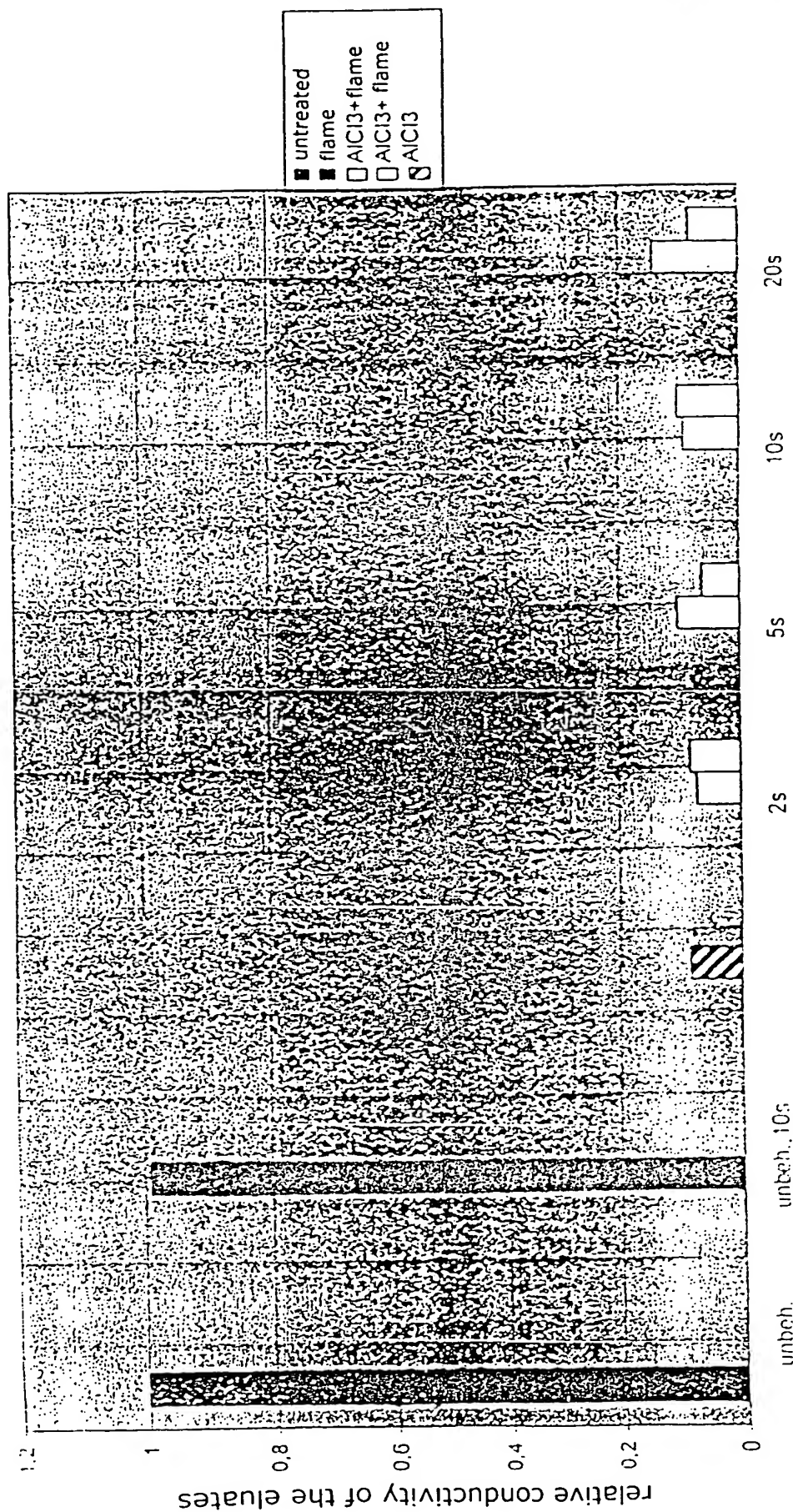
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Figure 2a



White bottle treated with  $\text{AlCl}_3$  (water-free) out of the vapor phase at  
550°C

Hydrolytic resistance of white bottles (20ml) contacted with  
 $\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$  powder (0.01g) out of the vapor phase at  $550^\circ\text{C}$  for 15 min



Nature and duration of the treatment

Figure 3

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Variation in microhardness in dependence on the depth of penetration on lead glass treated with  $\text{AlCl}_3$  at  $470^\circ\text{C}$

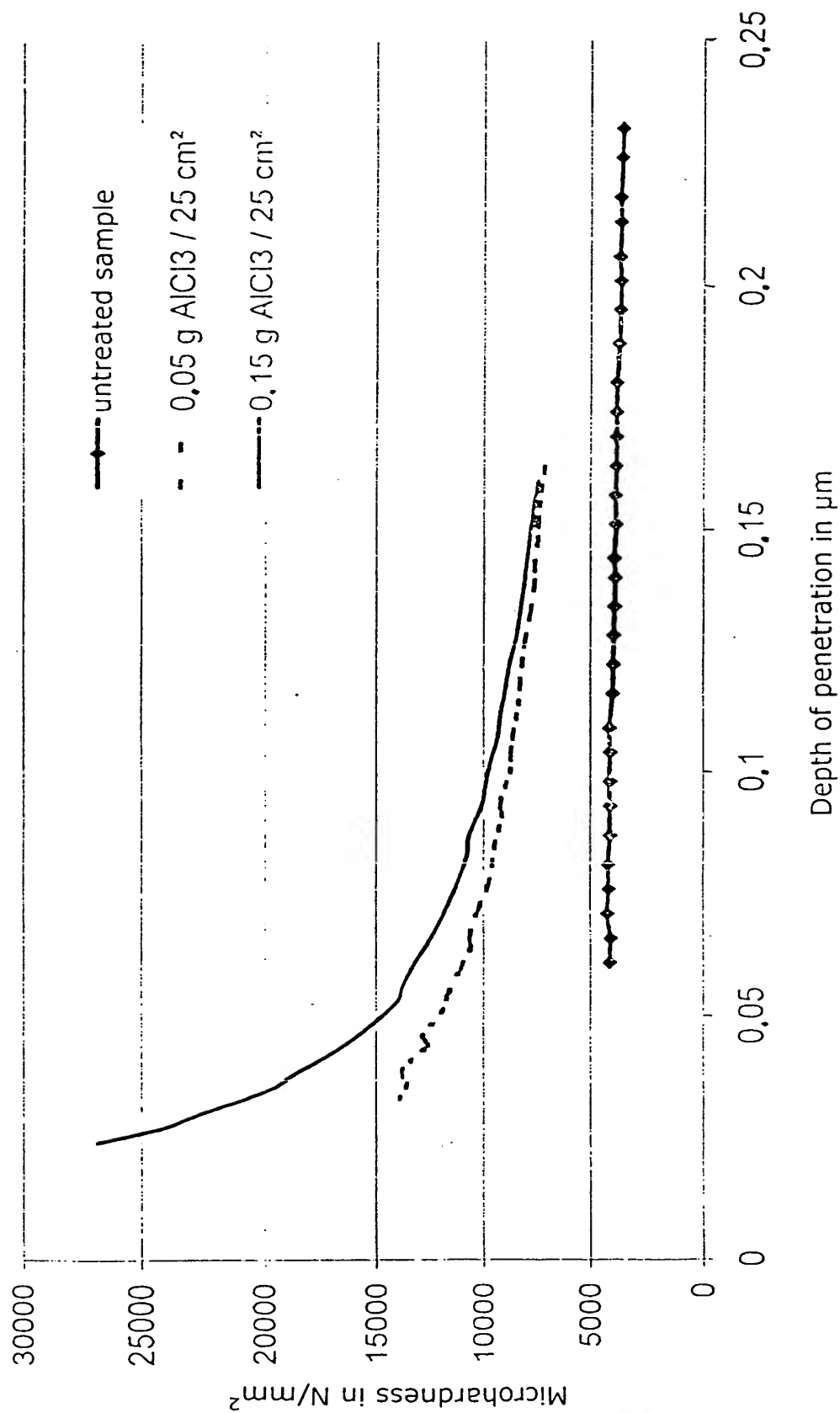


Figure 4